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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1256-00777
First Inventor	Hector F. DeLuca
Title	(20S)-1Alpha-Hydroxy-2-Methylene-19-Nor-Vitamin D3 and Its Uses
Express Mail Label No.	EV342893191US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 28]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2]

5. Oath or Declaration [Total Pages]

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

 21712 U.S. PTO
 10/614964
 07/08/03
ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: **Supplement to Transmittal**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	26753 (Insert Customer No. or Attach bar code label here)		or	<input type="checkbox"/> Correspondence address below
Name	Thomas M. Wozny			
Address	Andrus, Sceales, Starke & Sawall, LLP 100 East Wisconsin Avenue, Suite 1100			
City	Milwaukee	State	WI	Zip Code
Country	USA	Telephone	(414) 271-7590	Fax
Name (Print/Type)	Thomas M. Wozny	Registration No. (Attorney/Agent)	28,922	
Signature	<i>Thomas M. Wozny</i>		Date	07/08/2003

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 756.00)

Compl t if Known

Application Number	
Filing Date	
First Named Inventor	Hector F. DeLuca
Examiner Name	
Art Unit	
Attorney Docket No.	1256-00777

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

01.2000

Andrus, Sceales, Starke & Sawall, LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	\$375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 375.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	39	-20** =	19	X 9	= \$171
Independent Claims	8	- 3** =	5	X 42	= \$210
Multiple Dependent					

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 381.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

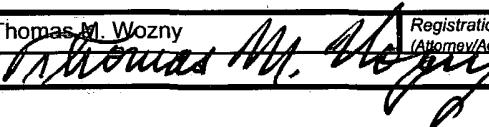
3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

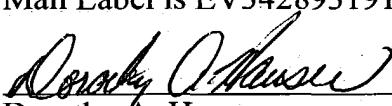
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Signature	Registration No. (Attorney/Agent)	Telephone	Date
Thomas M. Wozny		28,922	414-271-7590	07/08/2003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. :) CERTIFICATE OF EXPRESS MAILING
Applicant : Hector F. DeLuca) I hereby certify that this correspondence is
 Rafal R. Sicinski) being deposited with the United States
 Pawel K. Grzywacz) Postal Service as Express Mail in an
Filed :) envelope addressed to: Commissioner of
Title : (20S)-1 α -Hydroxy-2-) Patents, Alexandria, VA 22313-1450, on
 Methylene-19-Nor-) this 8th day of July, 2003. The Express
 Vitamin D₃ and Its Uses) Mail Label is EV342893191US.
TC/A.U. :)
Examiner :)  July 8, 2003
Docket No. : 1256-00777) Dorothy A. Hauser Date

SUPPLEMENT TO TRANSMITTAL LETTER

Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This application is being filed pursuant to 35 USC §111 and 37 C.F.R. §1.53(b). The application includes the specification, at least one claim, and the filing fee. The Declaration is not included. The inventors are Hector F. DeLuca residing at 1809 Highway BB, Deerfield, Wisconsin, 53531, a United States citizen; Rafal R. Sicinski residing at ul. Waszyngtona 33 m. 150, 04-030, Warsaw, a Polish citizen; and Pawel K. Grzywacz residing at 218 South Bassett Street, Apartment 104, Madison, Wisconsin, 53703, a Polish citizen.

The Declaration will be forwarded promptly upon notification from the U.S. Patent and Trademark Office.

Hector F. DeLuca et al
Attorney Docket No. 1256-00777

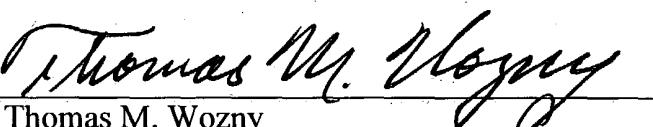
Please address all correspondence and telephone calls regarding this matter to:

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Respectfully submitted,

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By


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